

## ABSTRACT OF THE DISCLOSURE

Synthetic asphalt and petroleum asphalt modified synthetic asphalt emulsions which  
5 contain recycled tire rubber and processes for making the emulsions at temperatures above  
ambient or room temperature. These emulsions may contain significant quantities of recycled  
tire rubber and recycled and reclaimed motor oils and fluxes. In addition, aluminum chloride and  
ferric chloride may be used in clay-in-water solutions to form emulsifying agents for the  
synthetic asphalt and modified synthetic asphalt mixtures.